

Q *Air-Fed Incinerator*

15 August 1960

OPERATING INSTRUCTIONS*(INCINERATOR)*

1. LOAD PAPER INTO UNIT TO A LEVEL NO HIGHER THAN SIX INCHES BELOW SILL OF FEED OPENING. CRUMPLE ABOUT A DOZEN SHEETS OF PAPER ON TOP.
2. PUSH HANDLE OF AIR DAMPER TO "OFF" POSITION AND THEN TURN BLOWER MOTOR "ON" AT SWITCHBOX.
3. IGNITE CRUMPLED PAPER IN UNIT WITH A MATCH.
4. QUICKLY CLOSE LOADING DOOR AND THEN GRADUALLY MOVE HANDLE OF DAMPER TO A POSITION ABOUT HALF WAY BETWEEN "OFF" AND "ON".
5. DURING IGNITION, OBSERVE PROGRESS OF THE FIRE BY LOOKING INTO UPPER SIGHT PORT. TOO MUCH AIR AT THIS TIME MAY EXTINGUISH FLAME.
6. WHEN IGNITION OF PAPER IS WELL ESTABLISHED, GRADUALLY MOVE DAMPER TO FULL "ON" POSITION.
7. IF AT ANY TIME THE TEMPERATURE OF STACK GASES EXCEEDS 1800 F (RED ZONE OF TEMPERATURE METER), REDUCE AIR FLOW SLIGHTLY UNTIL TEMPERATURE DROPS.
8. FOR CONTINUOUS BURNING, SUCCESSIVE SMALLER BATCHES CAN BE RELOADED TO BRING THE BED OF PAPER UP TO THE STARTING LEVEL.
9. TO RELOAD, FIRST TURN DAMPER "OFF", THEN QUICKLY OPEN DOOR, LOAD PAPER, SHUT DOOR, AND THEN OPEN DAMPER GRADUALLY TO "ON".
10. AT END OF FEEDING PERIOD, FINAL BURNOUT CAN BE HASTENED BY STOPPING ONCE OR TWICE TO POKE AND LOOSEN THE RESIDUE.

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DOC	14	REV DATE	2 July 80	BY	057447
ORIG COMP	056	GPI	52	TYPE	30
ORIG CLASS	M	PAGES	1	REV CLASS	U
JUST		NEXT REV		AUTH	HR 10-2